AMERICAN JOURNAL OF

CLINICAL PATHOLOGY

OFFICIAL PUBLICATION OF AMERICAN SOCIETY OF CLINICAL PATHOLOGISTS

BOARD OF EDITORS

STEPHEN D. ALLEN ASA BARNES, JR. MARY BRADLEY JOHN A. BRYAN RUSSELL K. BRYNES PAUL G. CATROU STEBBINS B. CHANDOR JOHN R. CRAIG MICHAEL J. DEEGAN THOMAS F. DUTCHER RONALD J. ELIN HARRY L. EVANS CECILIA M. FENOGLIO-PREISER PETER C. FUCHS LAMONT W. GASTON DONALD GREER RODGER C. HAGGITT WILLIAM R. HART HARRY R. HILL GEORGE C. HOFFMAN

ERNESTO O. HOFFMANN HENRY A. HOMBURGER ROBERT L. HUNTER, JR. BONG HAK HYUN **ELAINE S. JAFFE** WILLIAM W. JOHNSTON JOHN A. KOEPKE ROBERT E. LEE H. PETER LEHMANN DONALD D. LEONARD PHILIP H. LIEBERMAN VIRGINIA A. LIVOLSI MICHAEL LUBRAN MARIO A. LUNA PAUL A. MCGARRY ROBERT W. MCKENNA BENNY F. MERTENS **EDWARD E. MORSE RICHARD S. NEIMAN** WILLIAM P. NEWMAN

THOMAS A. NOTO BARBARA OSBORNE MARGARITA PALUTKE GERALD M. PENN ROBERT V. PIERRE EDWARD R. POWSNER GLENN D. ROBERTS WILLIAM A. ROCK, JR. JUAN ROSAL PAUL PETER ROSEN JERALD R. SCHENKEN BERTRAM SCHNITZER FRED SILVA STEVEN G. SILVERBERG HERBERT M. SOMMERS CARL E. SPEICHER NORA C. J. SUN FRANK VELLIOS AUSTIN L. VICKERY, JR. RONALD A. WELSH

MYRTON F. BEELER-Editor-in-Chief

LESTER J. VIAL—Assistant Editor
H. PETER LEHMANN—Assistant Editor for Quantities and Units
WANDA TOWNSEND-PARKS—Assistant to the Editor
KATHY H. FISHER—Secretary

Department of Pathology Louisiana State University Medical Center New Orleans, Louisiana 70112

PUBLISHED BY J. B. LIPPINCOTT COMPANY • PHILADELPHIA

All change of address notices for the membership listing should be mailed to American Society of Clinical Pathologists, Attn. AJCP Circulation Dept., 2100 W. Harrison Street, Chicago, Ill. 60612. Correspondence regarding nonmember subscriptions should be sent to Journal Fulfillment Department, Lippincott/Harper, 2350 Virginia Avenue, Hagerstown, Maryland 21740, or call 1-800-638-3030; in Maryland, call collect 301-824-7300. Correspondence regarding nonmember subscriptions in Japan, including inquiries about subscription rates and subscription orders, should be sent to Woodbell Scope, Inc., Mansui Building, 9-18, Kanda Surugadai 2-chome, Chiyoda-ku, Tokyo 101, Japan. In India, Nepal, Bangladesh, and Sri-Lanka contact Universal Subscription Agency Pvt. Ltd., 101-102 Community Centre (F.F.) Saket, New Delhi-110017, India.

Advertising inquiries should be sent to Pharmaceutical Media, Inc., 130 Madison Avenue, New York, NY 10016.

The AMERICAN JOURNAL OF CLINICAL PATHOLOGY (ISSN 0002-9173) is published monthly for the American Society of Clinical Pathologists by J. B. Lippincott Company, at 2350 Virginia Avenue, Hagerstown, MD 21740. Business offices are located at East Washington Square, Philadelphia, PA 19105. Printed in the U.S.A. @ Copyright 1986 by the American Society of Clinical Pathologists. Second class postage paid at Hagerstown, MD, and at additional mailing offices.

Subscription information, orders or changes of address: (except Japan, India, Nepal, Bangladesh, or Sri Lanka) 2350 Virginia Avenue, Hagerstown, MD 21740, or call 1-800-638-3030; in Maryland, call collect 301-824-7300. In Japan, contact Woodbell Scope, Inc., Mansui Building, 9-18 Kanda Surugada; 2-chome, Chiyoda-ku, Tokyo 101, Japan. In India, Nepal, Bangladesh, and Sri Lanka contact Universal Subscription Agency Pvt. Ltd., 101-102 Community Centre (F.F.) Saket, New Delhi-110017, India, Annual subscription rates: U.S. \$59.00 individual, \$79.00 institution; all other countries except Japan, India, Nepal, Bangladesh, and Sri Lanka \$76.00 individual, \$96.00 institution. Residents/Students (U.S. only) \$39.00; Residents/Students (Canada only) \$56.00. Single copies \$8.00. Rates for airmail delivery available upon request. Copies will be replaced without charge if the publisher receives a request within 60 days of the mailing date in the U.S. or within 5 months in all other countries. Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by the American Society of Clinical Pathologists for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of \$00.80 per copy, plus \$00.05 per page is paid directly to CCC, 21 Congress St., Salem, MA 01970. 0002-9173/86 \$00.80 + \$00.05. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purpose, for creating new collective works, or for resale. Postmaster: Send address changes to AJCP, 2350 Virginia Avenue, Hagerstown, MD 21740.

JULY TO DECEMBER, 1986

Number 1, July 1986

COTA (colon-ovarian tumor antigen): An Immunohistochemical Study. Keshab D. Pant, Cecilia M. Fenoglio-Preiser, Christopher O. A. Berry, Paul O. Zamora, Madhira D. Ram, Richard M. Fulks, and Buck A. Rhodes	1
Identification of Adenocarcinoma in Cytospin Preparations of Effusions Using Monoclonal Antibody B72.3. SUE E. MARTIN, SHAHLA MOSHIRI, ANN THOR, VINCENT VILASI, ELIZABETH W. CHU, AND JEFFREY SCHLOM	10
Chronic Idiopathic Vitritis: Ultrastructural Properties of Bacteria-Like Bodies within Vitreous Leukocyte Phagolysosomes. LEWIS A. JOHNSON AND EMIL WIROSTKO	19
Leu-M1 Antigen Expression in Advanced (tumor) Stage Mycosis Fungoides. ROSEMARY WIECZOREK, MARK SUHRLAND, DAVID RAMSAY, MICHAEL L. REED, AND DANIEL M. KNOWLES II	25
Leukocyte Granulation Abnormality Associated with Normal Neutrophil Function and Neurologic Impairment. Peter F. Gale, Janet L. Parkin, Paul G. Quie, Ross E. Pettit, Robert P. Nelson, and Richard D. Brunning	33
Counting and Differential of Bone Marrow Cells by an Electronic Method. JUNKO TATSUMI, YOICHI TATSUMI, AND NORIYUKI TATSUMI	50
Evaluation of the Sysmex CC-800*: An Automated Eight-Parameter Hematology Instrument. Desiree A. Carlson, Ralph K. Ito, Bernard E. Statland, Robert Daigneault, Roberta Dipierro, and Lisa Horion	55
Monitoring of Ionized Calcium during Human Hepatic Transplantation: Critical Values and Their Relevance to Cardiac and Hemodynamic Management. GERALD J. KOST, MARY ANN JAMMAL, RICHARD E. WARD, AND AMIRA M. SAFWAT	61
Multicenter Clinical Trial and Laboratory Utilization of an Enzymatic Detection Method for Gonococcal Antigens. John G. Thomas, Michael J. Dul, Shirley Badger, Anthony Grecco, Ronald S. Immerman, Natalie Jackson, and C.	71
V. Jacob	/1
Brief Scientific Reports	
Neuron-Specific Enolase and Leu-7 Immunoreactive Small Round-Cell Neoplasm: The Relationship to Ewing's Sarcoma in Bone and Soft Tissue. KENJI KAWAGUCHI AND MORIO KOIKE	79
Bone Marrow Morphology and Immunology in Systemic Amyloidosis. Barbara C. Wolf, Aruna Kumar, Juan C. Vera, and Richard S. Neiman	84
Detection of Terminal Deoxynucleotidyl Transferase in Acute Leukemias Using Monoclonal Antibodies Directed against Native and Denatured Sites, GARY R. LANHAM, F. J. BOLLUM, AND SANFORD A. STASS	88
Factors Influencing Platelet Aggregation in Whole Blood. ROSANNA ABBATE, STEFANIA FAVILLA, MARIA BODDI, GIUSEPPINA COSTANZO, AND DOMENICO PRISCO	91
Presence of Beta-Lactamase-Producing Bacteria and Beta-Lactamase Activity in Abscesses. ITZHAK BROOK	97
A Modified Immunoperoxidase Method for Rapid Diagnosis of Herpes Simplex I Keratitis. ROBERT A. CATALANO, ROBERT	102
Bacteremia and Fungemia in Patients with Acquired Immune Deficiency Syndrome. ROBERT H. K. ENG, ELIAHOU BISHBURG,	105
Single Case Reports	
Colonic Biopsy in Verotoxin-Induced Hemorrhagic Colitis and Thrombotic Thrombocytopenic Purpura (TTP). DOUGLAS M. MORRISON, DAVID L. J. TYRRELL, AND LAURENCE D. JEWELL	108
Fatal Myxedema Pericarditis in a Christian Scientist. James K. Kelly and John C. Butt	
Proliferative Sialometaplasia Arising in an Intraparotid Lymph Node. RONALD L. GOLDMAN AND HARVEY Z. KLEIN	
Diffuse Large-Cell Lymphoma with Monoclonal IgMx and Cold Agglutinin. Linda M. Sandhaus, Karel Raska, Jr., and Hen Vai Wu	
Correspondence and Corrections	
Objective Substitute for Accurate Measurement. Anthony Trowbridge, Christopher Warren, David Reardon, and John Martin	124
Immunoperoxidase Staining for S-100 Protein in the Diagnosis of Eosinophilic Granuloma of Lung. C. Kurtis Kim, Steven H. Swerdlow, Mukunda Ray, and Mark A. Weiss	
Further Observations Concerning MPV Measurements. G. O. EVANS AND D. E. C. SMITH	
The Hidden Face of a Paper. Pierre Sassier and Gérard Olivero	
Ph¹-Negative CGL Still a Possibility. SUZANNE SELVAGGI	
The Authors' Reply. Lois B. Travis, Robert V. Pierre, and Gordon W. Dewald	
Diagnostic Possibilities in Megakaryoblastic Transformation of Chronic Granulocytic Leukemia. ENRICO M. POGLIANI	

Langerhans' Granulomatosis and Failure of Editorial Scrutiny, KYUNG W. MIN	129
The Authors' Reply: Comments Represent a Misunderstanding. IMAD Y. ALMANASEER, LEONARD KOSOVA, AND EDMUND V. PELLETTIERE	
The Significance of S-170 Positive Cells in Pulmonary Lesions. NAYEF F. AQEL	
News and Notices	132
Number 2, August 1986	
A Comprehensive Quality Assessment Program on the Autopsy Service. ALAN R. SCHNED, R. PETER MOGIELNICKI, AND	
MARTHA E. STAUFFER	133
Atypical Polypoid Adenomyoma of the Uterus. A Report of 27 Cases. ROBERT H. YOUNG, TAMARA TREGER, AND ROBERT E. SCULLY	
Testicular and Paratesticular Tumors and Tumor-Like Lesions of Ovarian Common Epithelial and Müllerian Types: A Report of Four Cases and Review of the Literature. ROBERT H. YOUNG AND ROBERT E. SCULLY	
Variable Expression of Ia Antigens in Human Endometrium and in Chronic Endometritis. SIAMAK S. TABIBZADEH, ANNEMARIE BETTICA, AND MICHAEL A. GERBER	
Gastrointestinal Complications in Renal Transplant Recipients. RICHARD A. KOMOROWSKI, ELSA B. COHEN, H. MYRON KAUFFMAN, AND MARK B. ADAMS	
Aluminum-Related Bone Disease. Correlation Between Symptoms, Osteoid Volume, and Aluminum Staining. Michael O CONNOR, Peter Garrett, Michael Dockery, John F. Donohoe, Gerry D. Doyle, Michael Carmody, and Peter A. Dervan	
Immunohistochemical Demonstration of Hyalinosis-Associated 90 kD Glycoprotein in Amyloid Deposits of Lichen Amyloidosus. ANNA-MADA TEPPO, ARJA-LEENA KARINIEMI, AND C. P. J. MAURY	
Performance Evaluation of the Abbott HTLV III EIA, a Test for Antibody to HTLV III in Donor Blood. Jean E. Barrett, George Dawson, John Heller, Carolyn Bairstow, Rosario Fico, J. Scott Webber, Robin Gutierrez, and	
RICHARD H. DECKER Application of Program Evaluation and Review Technic (PERT) to Laboratory Research and Development Planning. GERALD J. KOST	,
	100
Brief Scientific Reports The Incorporation of Red Blood Cell Index Mean Data into Quality Control Programs. WAYNE C. LEVY, BRIAN S. BULL, AND JOHN A. KOEPKE	
Variability in Heparin Sensitivity of APTT Reagents. THORIR D. BJORNSSON AND PATRICIA V. NASH	
Differentiation of Cryptococcus neoformans Serotypes by Isoenzyme Electrophoresis. Richard E. Safrin, Lynn A. Lancaster, Charles E. Davis, and Abraham I. Braude	
Detection of Clostridium difficile Toxins A (enterotoxin) and B (cytotoxin) in Clinical Specimens. Evaluation of a Latex Agglutination Test. LanceR.Peterson, John J. Holter, Carol J. Shanholtzer, Connier. Garrett, and Dalen. Gerding	
Single Case Reports	
Fer Jidase Activity in Circulating Mast Cells in Blast Crisis of Chronic Granulocytic Leukemia. Comparative Studies with Basophils and Cutaneous Mast Cells. LAURENCE CHRISTINE GABRIEL, LUIS MARIA ESCRIBANO, JEAN-PIERRE MARIE,	
ROBERT ZITTOUN, AND JOSE LUIS NAVARRO A Case Report of Mantle Zone Lymphoma Progressing into Follicular Lymphoma. KUNIYUKI OKA, NAOYOSHI MORI, MIZU	
KOJIMA, AND TADAAKI MIYAMOTO	220
Histiocytosis X of the Thymus in Association with Myasthenia Gravis. NIGEL H. BRAMWELL AND BRUCE F. BURNS	
Pleural Malignant Mesothelioma Following Wilms' Tumor. MARK B. AUSTIN, ROBERT E. FECHNER, AND VICTOR L. ROGGLI	
Malignant Melanoma in Meckel's Diverticulum. TED BLOCH, EDUARDO TEJADA, AND CHERYL BRODHECKER Fatal Aspergillus Pneumonia in Chronic Granulomatous Disease. JAMES K. KELLY, ALFREDO R. PINTO, WILLIAM A. WHITELAW,	
OTTO P. RORSTAD, THOMAS J. BOWEN, AND DAVID S. MATHESON	235
Long Survival of Diarrhea-Associated Hepatocarcinoma Treated with Adriamycin TM and Indomethacin: A Case Report. Jose Saban, Daniel Boixeda, Alberto Moreno, Rafael Barcena, and Manuel Serrano-Rios	
The Effect of Thioridizine on the Automatic Clinical Analyzer Serum Tricyclic Anti-Depressant Screen. Kenneth W. Ryder and Melvin R. Glick	
Editorial	
Quality Assessment of the Autopsy. RAYMOND YESNER	250
Minutes	
Minutes of the Meeting of the Members of the American Society of Clinical Pathologists at the Annual Business Meeting. Sunday, November 3, 1985, Las Vegas Hilton Hotel, Las Vegas, Nevada	

In Memoriam	
Herbert Lansky, M.D. (1925–1985). THEODORE T. BRONK	258
Correspondence and Corrections	
Easy, Cheap, and Reliable Identification of Ganglion Cells. N. D. HEATON, E. R. HOWARD, AND J. R. GARRETT	260
The Authors' Reply: Practical Advantages to Acridine Orange. HARVEY B. SARNAT AND CYNTHIA L. TREVENEN	
SISKIND	
The Authors' Reply. NOBUO TAKEMORI, NAGAHITO SAITO, NORIKO TACHIBANA, AND TAMOTSU MIYAZAKI	
RDW in Patients with Tuberculosis. J. DAVID BESSMAN, FRANK H. GARDNER, P. R. GILMER, JR., AND SUZANNE MCCLURE	
The Authors' Reply. Roy D. Baynes, Helene Flax, Thomas H. Bothwell, Werner R. Bezwoda, Peter Atkinson, and Barry Mendelow	
Book Reviews	-
News and Notices	268
The and thousand	200
Number 3, September 1986	
Coronary Artery Deposition of Factor VIII-Related Antigen in Ischemic Heart Disease. JEROME I. BRODY, NANCY J. PICKERING,	
AND GORDON B. FINK The Epithelial Antigen Phenotype of Glomerular Crescent Cells. J. CHARLES JENNETTE AND CECILIA G. HIPP	
Fine-Needle Aspiration of the Liver: A Comparison of Smear and Rinse Preparations in the Detection of Cancer. STEVEN R.	
AXE, YENER S. EROZAN, AND SUSAN V. ERMATINGER	
Hodgkin's Disease: Diagnosis by Fine-Needle Aspiration Biopsy: Analysis of Cytologic Criteria from a Selected Series. THOMAS F. KARDOS, JAMES H. VINSON, FREDERICK G. BEHM, WILLIAM J. FRABLE, AND GERARD J. O'DOWD	286
Reed-Sternberg and Hodgkin Cells in Lymphocyte-Predominant Hodgkin's Disease of Nodular Subtype Contain J Chain. HARALD STEIN, MARTIN L. HANSMANN, KARL LENNERT, PER BRANDTZAEG, KEVIN C. GATTER, AND DAVID Y. MASON	292
The Clinical Utility of the Leukocyte Differential in Emergency Medicine. BARRY WENZ, PAUL GENNIS, CAMILLE CANOVA,	
AND EDWARD R. BURNS Prevalence and Clinical Implications of Heparin-Associated False Positive Tests for Serum Fibrin(ogen) Degradation Products.	
D. GERARD CONNAGHAN, CHARLES W. FRANCIS, DANIEL H. RYAN, AND VICTOR J. MARDER	
Transient Effect of Aspirin on Collagen-Induced Platelet Accumulation. Peter Görög and Vijay V. Kakkar	
A Monoclonal Antibody-Based Enzyme-Linked Immunosorbent Assay for Quantitation of Plasma Thrombospondin. KUO- JANG KAO AND PAUL A. KLEIN	
Significance of Gardnerella vaginalis in Urine Cultures. BERT F. WOOLFREY, GAIL K. IRELAND, AND RICHARD T. LALLY	
Evaluation of the Modified Chlamydiazyme® Immunoassay for the Detection of Chlamydial Antigen. REBECCA A. LEVY AND ANN L. WARFORD)
Microcomputer-Assisted Interpretative Reporting of Sequential Cardiac Profile Data. THOMAS S. TALAMO, FRANK J. LOSOS	
III, AND DONALD W. MERCER	
Brief Scientific Reports	
Factor VIII Activity as Measured by an Amidolytic Assay Compared with a One-Stage Clotting Assay. ARMANDO TRIPOD	
AND PIER MANNUCCIO MANNUCCI Absence of Mononuclear Phagocyte Antigens in Malignant Fibrous Histiocytoma. MARK E. BRECHER AND WILBUR A. FRANKLIN	
Legionella feeleii-Associated Pneumonia in Humans. Waldemar A. Palutke, Lawrence R. Crane, Berttina B Wentworth, Jonathon G. Geiger, Lavoisier Cardozo, Amnuay Singhakowinta, Judene Bartley, and Barbara	1.
E. ROBINSON	. 348
Serum Hepatitis B Virus DNA in Acute Hepatitis B. Sugantha Govindarajan, Kevin M. Decock, Boontar Valinluck and Mary Ashcavi	352
Reactivity of Serologic Tests for the Detection of Antibody Specific to Cytomegalovirus. II. Latex Agglutination and Enzyme Linked Immunosorbent Assay. MARK LAROCCO, JOEL MORTENSON, BARBARA G. DAVIS, AND DAVID G. MOORE	
Evaluation of Three Commercial Screening Tests for AIDS Virus Antibodies. James R. Carlson, Steven H. Hinrichs, Joann Yee, Murray B. Gardner, and Niels C. Pedersen	
Birefringent Hemozoin Identifies Malaria. CHRISTINE LAWRENCE AND JULIE A. OLSON	
Single Case Reports	
Delayed Reaction of Bence Jones Proteins to Sulfosalicytic Acid. TADASHI KANOH	. 363
Primary Lymphadenopathic Kaposi's Sarcoma in an Immunocompetent 23-Year-Old Man. MICHAEL A. BERMAN, MICHAEL	
A. NALESNIK, SILLOO B. KAPADIA, CHARLES R. RINALDO, JR., AND FRED JENSEN	366

6

No. Hadeligh Lamphone Fallonics Hadeligh Disease A Case Board and Immunitiated mind Complement - Vannage	
Non-Hodgkin's Lymphoma Following Hodgkin's Disease. A Case Report and Immunohistochemical Corroboration. KAZUYUKI SHIMIZU, KAZUO HARA, AND AKIRA KUNII	370
Composite Lymphoma, Guy C. Toner, Roger A. Sinclair, Robert C. Sutherland, and Max A. Schwarz	
Muscie Pathology in Bassen-Kornzweig Syndrome and Vitamin E Deficiency. REYNALDO P. LAZARO, MARK P. DENTINGER, LAWRENCE D. RODICHOK, KEVIN D. BARRON, AND SATY SATYA-MURTI	
Hormonal Studies on Adrenal-Like Tumor of the Ovary—Considerations on Its Histogenesis. TUNG VAN DINH, CHARLES L. FOUGEROUSSE, AND MANUBAI NAGAMANI	
	300
Special Report Need for Improved Instrument and Kit Evaluations. James R. Hackney and George S. Cembrowski	391
Abstract of Papers	
Selected Abstracts of Papers and Poster Presentations, Scientific Sessions of the Fall Meeting of the American Society of Clinical Pathologists, September 27-October 3, 1986, Orlando, Florida	394
Editorial	
Can We Use Results of Better Statistical Approaches to Method Comparison Studies? MYRTON F. BEELER	406
Correspondence and Corrections	
A Case of Malignant Lymphoplasmacytoid Lymphoma (immunocytoma) of the Skin with Cerebriform Nuclei. Sebastian C. J. Van Der Putte	
Statistical Analysis of Red Blood Cell Distribution: Its Importance in Recognizing Spuriously Elevated Platelet Counts. PIERRE	
SASSIER AND PIERRE COUZINEAU	
The Author's Reply. JOANNE CORNBLEET	409
The Authors' Reply. RICHARD A. SAVAGE AND GEORGE C. HOFFMAN	
The Author's Reply: The Technology Should Influence the Interpretation. DILIP L. SOLANKI	
Recognition Owed. BRIAN J. HARRINGTON	
The Author's Reply: Recognition Not Possible for Unindexed Papers. WALDEMAR SCHMIDT, DAVID G. MOORE, AND MARYLEE KOTT	411
Predicting Iron Stores from Serum Ferritin Concentration: Just a Hypothesis Needing Confirmation. Kevin L. Welch and Eugene L. Gottfried	
The Author's Reply. DAVID L. WITTE	412
More Moderate Thanks for the Famous Doctor, Sherman Oaks. HARRY M. BAUER	412
Corrections I	413
Corrections II	413
News and Notices	414
Number 4, October 1986	
Gastroenteropancreatic Neuroendocrine Tumors: A Histochemical and Immunohistochemical Study of Epithelial (keratin proteins, carcinoembryonic antigen) and Neuroendocrine (neuron-specific enolase, bombesin and chromogranin) Markers in Foregut, Midgut, and Hindgut Tumors. Shirin V. Nash and Jonathan W. Said	
Capillary Hemangioblastoma: An Immunohistochemical Study. STEPHANIE C. HOLT, JANET M. BRUNER, AND NELSON G.	
ORDOÑEZ Bladder Granulomata after Bladder Surgery, DOMINIC V. SPAGNOLO AND PAUL M. WARING	
Neuroendocrine Differentiation in Müllerian Neoplasms: An Immunohistochemical Study of a "Pure" Endometrial Small-Cell Carcinoma and a Mixed Müllerian Tumor Containing Small-Cell Carcinoma. CARLOS MANIVEL, MARK R. WICK, AND RICHARD K. SIBLEY	
Localized Herpes Simplex Lymphadenitis. Jonathan I. Epstein, Richard F. Ambinder, Francis P. Kuhajda, Steven H. Pearlman, Victor E. Reuter, and Risa B. Mann	
Bone Marrow Manifestations of Peripheral T-Cell Lymphoma: A Study of 30 Cases. Curtis A. Hanson, Richard D. Brunning, Kazimiera J. Gail-Peczalska, Glauco Frizzera, and Robert W. McKenna	
Acute Leukemias with Both Myeloid and Lymphoid Surface Markers: Cytoplasmic Alpha-1-Anti-Chymotrypsin and Alpha-1-Anti-Trypsin as Possible Indicators of Early Granulocytic Differentiation. PAUL R. MEYER, LENA KRUGLIAK, SARA NEELY,	
ALEXANDRA LEVINE, JOHN W. PARKER, BARBARA KAPLAN, AND CLIVE R. TAYLOR	
A Method for the Detection of Multiple Surface Antigens on Small Heterogeneous Cell Populations. ALAN C. HOMANS, EDWIN N. FORMAN, AND BARBARA E. BARKER	469
The Marginal Zone in the Human Reactive Lymph Node. JOOST J. VAN DEN OORD, CHRIS DE WOLF-PEETERS, AND VALEER J. DESMET	

Absolute Lymphocytosis Associated with Nonsurgical Trauma. HARVEY V. THOMMASEN, WILLIAM J. BOYKO, JULIO S. G. MONTANER, JAMES A. RUSSELL, DIANNE R. JOHNSON, AND JAMES C. HOGG	480
The Effect of Calcium Ions on the Activated Partial Thromboplastin Time of Heparinized Plasma. Charles S. Greenberg, Judith P. Adams, Patricia E. Mullen, and John A. Koepke	484
Brief Scientific Reports	
Pathologic Explanation for Postoperative Obstipation in Hirschsprung's Disease Revealed with Monoclonal Antibody Staining.	490
3-D Reconstruction of Endometrial Carcinoma In Situ. MOACYR SILVA, SVETLANA GRINBLAT, AND SHELDON C. SOMMERS	
The Histopathology of Fundic Gland Polyps of the Stomach. RANDALL G. LEE AND RANDALL W. BURT	498
The Morphologic Classification of Acute Lymphoblastic Leukemia in Childhood: Observations on Concordance Using a Simple Scoring System. CRAIG C. CHILDS, SANFORD A. STASS, AND JOHN M. BENNETT	503
Synacril® Black AN: A New Stain for Normal and Abnormal Human Megakaryocytes. LAWRENCE KASS	506
Limitations of the Crossmatch for Detection of Incompatibility Between A2B Red Cells and B Patient Sera. RICHARD D. LAMBERSON, LEONARD I. BORAL, AND SUSAN BERRY-DORTCH.	511
Clinical, Pathogenetic, and Laboratory Features of Capnocytophaga Infections. JEFFREY S. WARREN AND STEPHEN D. ALLEN	513
The Role of Bronchoalveolar Lavage in the Diagnosis of Invasive Pulmonary Aspergillosis. FREDERICK W. KAHN, JEFFREY M. JONES, AND DOUGLAS M. ENGLAND	518
Evaluation of Cytomegalovirus (CMV) Antibody Screening Tests for Blood Donors. Masasri N. Sererat, Joseph V. Schifano, Peter Lau, Earla Beikert, Nasreen A. Bhumbra, and George A. Nankervis	523
Comparison of Two Testing Methods to Determine Hepatitis B Surface Antibody Response to Hepatitis B Vaccine Among Health-Care Workers. Luz S. Racela, Gary E. Tegtmeier, Glenn R. Hodges, and James S. Reed	527
Comparison of Two Rapid Latex Agglutination Methods for Detection of Group A Streptococcal Pharyngitis. Barbara Reichwein, Donald Jungkind, Mary Guardiani, Robert Gilbert, Geri Prosswimmer, and Peter Amadio	529
Mitochondrial and MB Isoenzymes of Creatine Kinase in Cerebrospinal Fluid from Patients with Hypoxic-Ischemic Brain Damage. WAYNE L. CHANDLER, KATHLEEN J. CLAYSON, W. T. LONGSTRETH, JR., AND JAMES S. FINE	533
Single Case Reports	
Carcinoembryonic Antigen Staining in Choriocarcinoma. HEIDE M. LIND AND PARVIZ HAGHIGHI	538
Combined Adrenal Myelolipoma and Adenoma Associated with Cushing's Syndrome. MOGENS VYBERG, AND LEIF SESTOFT	541
Disseminated Zygomycosis Masquerading as Cerebral Lupus Erythematosus. KEE LAM WONG, YAU TING TAI, SHEE LOONG LOKE, EDMOND K. W. WOO, WOON SING WONG, MAN KAM CHAN, AND JOHN T. C. MA	546
Book Reviews	550
Correspondence and Corrections	
B-Cell Malignant Lymphoma with Cerebriform Nuclei Showing Mantle-Zone Cell Phenotype. Antonino Carbone, Riccardo Manconi, Alessandro Poletti, Umberto Tirelli, and Rachele Volpe	552
The Author's Reply, JEROME S. BURKE	553
Measurement of Light Transmission or Impedence Should Have Been Included in Platelet Study. D. S. Velaskar and A. P.	
CHITRE	554
The Authors' Reply: Would not Clarify the Issue. HANNO RIESS AND ERHARD HILLER	555
Staining Properties of Melanin and Lipofuscin Pigments. MASACHIKA SENBA	556
The Authors' Reply: Different Controls, Different Staining Times. STEVE K. LANDAS, ROBERT L. SCHELPER, FERMIN O. TIO, AND JANET BENNETT-GRAY	556
News and Notices	558
Number 5, November 1986	
Duodenal Gangliocytic Paraganglioma: Clinicopathologic and Immunocytochemical Study of 11 Cases. Bernd W. Scheithauer, Frederick E. Nora, Juan Lechago, Mark R. Wick, Barbara G. Crawford, Louis H. Welland, and J. Aldan Carney	559
Distinct Keratin Patterns Demonstrated by Immunoperoxidase Staining of Adenocarcinomas, Carcinoids, and Mesotheliomas Using Polyclonal and Monoclonal Anti-Keratin Antibodies. HARRIETTE J. KAHN, PAUL S. THORNER, HERMAN YEGER,	
DENNIS BAILEY, AND REUBEN BAUMAL	566
Ultrastructure of the Gastric Mucosa Harboring Campylobacter-Like Organisms. XIAO GENG CHEN, PELAYO CORREA, JOHAN OFFERHAUS, ELSIE RODRIGUEZ, FRANCES JANNEY, ERNESTO HOFFMANN, JAMES FOX, FRED HUNTER, AND STAVROS DIA-	
VOLITSIS Pseudosarcomatous Fibromyxoid Tumor of the Urinary Bladder. JAE Y. Ro, ALBERTO G. AYALA, NELSON G. ORDÓÑEZ, DAVID	
A. SWANSON, AND RICHARD J. BABAIAN	583

6

A Comparative Marker Study of Large Cell Lymphoma, Hodgkin's Disease, and True Histiocytic Lymphoma in Paraffin-	
Embedded Tissue. Jeanne M. Meis, Barbara M. Osborne, and James J. Butler	591
A Rapid, No-Wash Technic for Immunophenotypic Analysis by Flow Cytometry. CHARLES W. CALDWELL AND HENRY M. TAYLOR	600
The Anti-Microbial Activity, Beta-Lactamase Stability, and Disk Diffusion Susceptibility Testing of Carumonam (RO 17-2301,	000
AMA-1080), a New Monobactam. RONALD N. JONES, ARTHUR L. BARRY, CLYDE THORNSBERRY, PETER C. FUCHS, AND RICHARD R. PACKER	
Evaluation of Four Anti-Microbic Susceptibility Testing Systems for Gram-Negative Bacilli. ELLENA M. PETERSON, KAYE D.	000
EVANS, JANET T. SHIGEI, MARIE T. PEZZLO, AND LUIS M. DE LA MAZA	619
Suitability of a Throat Culture Method for Evaluation of Group A Streptococcal Antigen Detection Kits. JAMES A. KELLOGG, DAVID A. BANKERT, AND JOHN S. LEVISKY	624
Interpretation of Serum Aluminum Values in Dialysis Patients. JAMES T. MCCARTHY, DAWN S. MILLINER, STEPHEN B. KURTZ, WILLIAM J. JOHNSON, AND THOMAS P. MOYER	
Brief Scientific Reports	
Histochemical Determination of Copper, Zinc, and Iron in Some Benign and Malignant Tissues. ANTHONY E. BEDRICK, GITA RAMASWAMY, AND VICTOR TCHERTKOFF	
Large Granular Lymphocytes in Bronchoalveolar Lavage Fluids from Immunocompromised Patients with Cytomegalovirus	
Pneumonitis. ESTELLE ESCUDIER, JOCELYNE FLEURY, CATHERINE CORDONNIER, JEAN-PAUL VERNANT, AND JEAN-FRANCOIS BERNAUDIN	
Association of Hereditary Spherocytosis and Idiopathic Hemochromatosis: A Synergistic Effect in Determining Iron Overload.	
SILVIA FARGION, MARIA DOMENICA CAPPELLINI, ALBERTO PIPERNO, NIKOS PANAJOTOPOULOS, GUIDO RONCHI, AND GEMINO FIORELLI	
Acid Phosphatase Positivity in Childhood Acute Lymphocytic Leukemia. DAVID R. HEAD, MICHAEL BOROWITZ, LIZARDO	
CEREZO, CATHERINE M. CRAVEN, BRENDA L. BROCK, JAMES M. BOYETT, D. JEANETTE PULLEN, WILLIAM M. CRIST, JOHN FALLETTA, AND G. BENNETT HUMPHREY	
Protein C Antigen Deficiency and Warfarin Necrosis. VIRGIL L. Rose, HAU C. KWAAN, KAREN WILLIAMSON, DEBRA HOP-	
PENSTEADT, JEANINE WALENGA, AND JAWED FAREED	653
The Effect of Age on the Prevalence of Asymptomatic Microscopic Hematuria. PAUL FROOM, MOSHE GROSS, JOSEPH RIBAK, JOSHUA BARZILAY, AND JOCHANAN BENBASSAT	
Can the Cost Savings of Eliminating Urine Microscopy in Biochemically Negative Urines Be Extended to the Pediatric Population? AYSER C. HAMOUDI, SYLVIA C. BUBIS, AND CARLOTTA THOMPSON	
Evaluation of the Yellow IRIS*: An Automated Method for Urinalysis. CARLOS E. ROE, DESIREE A. CARLSON, ROBERT W. DAIGNEAULT, AND BERNARD E. STATLAND	
Rapid, Direct Antibiotic Susceptibility Testing of Blood Culture Isolates Using the Abbott Avantage® System. FREDERICK S. NOLTE, PAUL B. CONTESTABLE, DURRY LINCALIS, AND AMADO PUNSALANG, JR.	
Use of a "Pneumatic" Tube in Anatomic Pathology, John J. BROOKS, BRIAN HAMILTON, VIRGINIA A. LIVOLSI, AND GIUSEPPE	
G. Pietra	
Single Case Reports	
Angiomatoid Carcinoma of the Thyroid Gland: Anaplastic Carcinoma with Follicular and Medullary Features Mimicking Angiosarcoma. STACEY E. MILLS, ROBERT G. STALLINGS, AND MARK B. AUSTIN	674
Proposed Pathogenic Mechanism for the Diarrhea Associated with Human Intestinal Spirochetes. Frank G. Rodgers, Christine Rodgers, Andrew P. Shelton, and Christopher J. Hawkey	
Propionibacterium acnes Cerebral Botryomycosis: The Role of Plastic Embedding in the Diagnosis of Grain-Producing Infections. DAVID A. SCHWARTZ AND SYDNEY D. FINKELSTEIN	
A Human Infection with Paragonimus kellicotti (Lung Fluke) in the United States. ELPIDIO G. MARIANO, SALVADOR R. BORJA, AND MICHAEL J. VRUNO	
Intestinel Fluke Infection as a Result of Eating Sushi. KATHLEEN O. ADAMS, DONALD L. JUNGKIND, ERICK J. BERGQUIST, AND CHARLES W. WIRTS)
In Memoriam	000
W.A.D. Anderson, M.D., 19;0–1986. Azorides R. Morales	690
Correspondence and Corrections	
Falsely High Serum B ₁₂ Levels. Eric J. Norman, Douglas Logan, and Paul Terrell	692
EMA and Small Cell Anaplastic Carcinomas: Further Evidence for an Epithelial Origin Needed. ROGER W. BYARD	
The Authors' Reply: We Recommend Use of a Panel of Tumor Markers. GERALDINE S. PINKUS, CONSTANCE L. ETHERIDGE, AND ERIN M. O'CONNOR	,
Too Early to Put Down RDW for Discriminating Iron Deficiency and Thalassemia. J. DAVIS BESSMAN, P. R. GILMER, JR., AND)
FRANK H. GARDNER The Authors' Reply: Wide Overlap and Lack of Specificity. MARY M. FLYNN, THOMAS S. REPPUN, AND N. V. BHAGAVAN.	693
News and Notices	696

Number 6, December 1986

The Use of Cytoskeletal Characteristics of Tumor Cells for the Diagnosis of Colon and Breast Adenocarcinomas. HERMAN YEGER, REUBEN BAUMAL, HARRIETTE J. KAHN, GAIL DUWE, AND M. JAMES PHILLIPS	
The Immunohistology of the Persistent Generalized Lymphadenopathy Syndrome (PGL). CARLOS F. GARCIA, JEFFREY D. LIFSON, EDGAR G. ENGLEMAN, DRAGO M. SCHMIDT, ROGER A. WARNKE, AND GARY S. WOOD	
An Overlapping Syndrome of IgA Nephropathy and Lipoid Nephrosis. KAR NENG LAI, FERNAND MAC-MOUNE LAI, KEENG WAI CHAN, CHUNG PING HO, ANTHONY C. T. LEUNG, AND JOHN VALLANCE-OWEN	716
Characteristics of IgA Deposits in Liver and Skin of Patients with Liver Disease. Albert Van De Wiel, Henk-Jan Schuurman, Dick Van Riessen, Joost J. Haaijman, Jiri Radl, Dominique L. Delacroix, Jan Van Hattum, A. P. Roeland	
BLOK, AND LOUIS KATER	724
Comparison of Automated and Manual Methods for Urinalysis. Ronald J. Elin, Jeanette M. Hosseini, Jane Kestner, Michael Rawe, Mark Ruddel, and H. Harold Nishi	
Management by Objectives for the Academic Medical Center. GERALD J. KOST	738
Brief Scientific Reports	
Juvenile Papillomatosis (Epitheliosis) of the Breast: A Clinical and Pathologic Study of 13 Cases. Floriano Bazzocchi, Donatella Santini, Giuseppe Martinelli, Alessandro Piccaluga, Mario Taffurelli, Alberto Grassigli, and Do-	
MENICO MARRANO	
Neutrophils with Ring-Shaped Nuclei in Chronic Neutrophilic Leukemia. TADASHI KANOH, KATSUYASU SAIGO, AND MORIHISA YAMAGISHI	
Evaluation of the Coulter S-Plus V Three-Part Differential in a Community Hospital, Including Criteria for Its Use. RANDY J.	
KALISH AND KURT BECKER	
Enumerating T-Cell Subsets on Blood Smears: An Evaluation of an Indirect Immunoalkaline Phosphatase Method. GERALD K. W. Wong, P. K. Hui, W. L. Ng, and Susan Leong	756
A Rapid Assessment of Percentage Hemoglobin-S in Whole Blood. MICHAEL SCABET, CHERYL J. MCROYAN, J. GRACE LIU, RICHARD C. MORRIS, AND PAUL I. LIU	
Use of the RIM® Escherichia coli Kit for Rapid Identification of Escherichia coli. Frank J. Varga and Joseph R. Dipersio	761
False Positive Indirect Fluorescent Antibody (IFA) Tests for Antibody to Herpes Simplex Virus 1: Comparison of Four Commercially Available Methods. Kenneth H. Rand, Herbert J. Houck, and Mary Dickinson	
A Comparison of Two Passive Agglutination Procedures with Enzyme-Linked Immunosorbent Assay for Rubella Antibody Status. RUDY C. PRUNEDA AND JACK C. DOVER	
Can Microscopic Screening Be Used to Determine the Suitability of Sputum for Culture of Haemophilus Species. DIANE W. KLEIN, PATTI A. BEASLEY, DUANE M. ILSTRUP, AND JOHN A. WASHINGTON II	
Ascitic Fluid and Serum C-Reactive Protein Concentrations in Patients with and without Peritonitis. BRUCE A. RUNYON	773
Parathyroid Hormone (PTH) Assay of Parathyroid Cysts Examined by Fine-Needle Aspiration Biopsy. Jan F. Silverman, Prabhaker G. Khazanie, H. Thomas Norris, and William W. Fore	
Cancer Chemotherapy-Induced Tubular Nephrotoxicity Evaluated by Immunochemical Determination of Urinary Adenosine Deaminase Binding Protein. MARSHALL P. GOREN, REBA K. WRIGHT, MARC E. HOROWITZ, AND CHARLES B. PRATT	
Comparison of Dysmorphic Erythrocytes with Other Urinary Sediment Parameters of Renal Bleeding. SANFORD M. THAL, CHRISTINE C. DEBELLIS, SARAH A. IVERSON, AND G. BERRY SCHUMANN	
Single Case Reports	
Myelodysplasia Progressing to Acute Myeloblastic Leukemia in an HTLV-III Virus-Positive Homosexual Man with AIDS- Related Complex. Victor M. Napoli, Sidney F. Stein, Thomas J. Spira, and David Raskin	
Glomerulonephritis with Focal and Segmental Distribution of Glomerular Basement Membrane Antigen(s). MASANORI HARA, REIKO ASADA, IRENE K. MIURA, DIASUKE MASE, SUSUMU INABA, AKIRA HIGUCHI, TAKAKUNI TANIZAWA, YOSHIKAZU SADO, AND TOSHIO OKADA	J
News and Notices	
Index to Volume 86	799

6

